

Converting Colors

CIELCh(46, 55.544, 25.294)

Have a look what the booklet for
CIELCh(46, 55.544, 25.294) contains.

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Color

CIELCh(46, 55.502, 25.534)

Conversions

Conversions Part 1

Format	Color
Hex	BE4248
RGB	190, 66, 72
RGB Percent	75%, 26%, 28%
CMY	0.2556, 0.7418, 0.7182
CMYK	0.00, 0.65, 0.62, 0.26
HSL	357°, 49%, 50%
HSV	357°, 65%, 74%
XYZ	24.2958, 15.2687, 7.7745
YIQ	103.7600, 71.9780, 28.1540

Conversions

Conversions Part 2

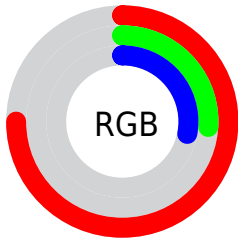
Format	Color
R _Y B	190, 66, 72
Decimal	12468808
CIE Lab	46.00, 50.08, 23.92
CIE LCh	46, 55.502, 25.534
Yxy	15.2687, 0.5132, 0.3225
Android (android.graphics.Color)	4290658888 (0xFFBE4248)
YUV	103.7600, -15.6577, 75.6325
Hunter-Lab	39.0751, 42.6046, 15.5560

Details

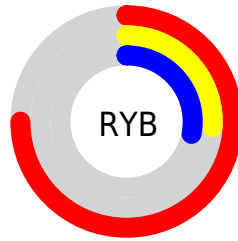
The CIELCh color **46, 55.502, 25.534** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **70, 35.669, 191.324**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 55.464, 25.720**, and **26, 54.785, 25.848** is the 20% darker color. If you saturate the color by 10%, you get **43, 64.351, 28.957**, and if you desaturate by 10%, it is **50, 46.300, 22.773**.

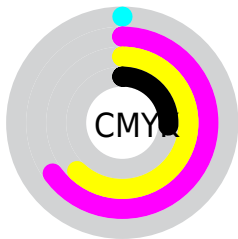
Distribution



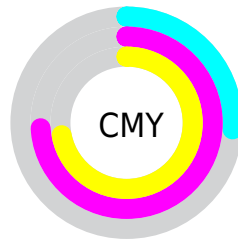
- Red (75%)
- Green (26%)
- Blue (28%)



- Red (75%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 55.502, 25.534 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 46, 55.502, 25.534 by changing the saturation by 10% instead.

■ 46, 55.502, 25.534

■ 46, 55.502, 25.534

■ 100, 55.502,
25.534

■ 36, 55.502, 25.534

■ 66, 55.502, 25.534

■ 26, 55.502, 25.534

■ 76, 55.502, 25.534

■ 16, 55.502, 25.534

■ 86, 55.502, 25.534

■ 6, 55.502, 25.534

■ 96, 55.502, 25.534

■ 0, 55.502, 25.534

■ 46, 55.502, 25.534

■ 46, 55.502, 25.534

■ 43, 64.351, 28.957

■ 50, 46.300, 22.773

■ 41, 72.478, 32.906

■ 54, 37.070, 20.604

40, 79.211, 36.805

59, 28.067, 18.915

39, 81.702, 38.141

64, 19.468, 17.592

69, 11.369, 16.535

74, 3.804, 15.614

79, 3.236, 195.241

85, 9.785, 194.579

90, 15.886,
194.097

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46, 55.502, 25.534



70, 35.669, 191.324

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46, 55.502, 25.534



46, 55.502, 75.534



46, 55.502, 205.534



46, 55.502, 255.534

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46, 55.499, 25.537



84, 18.745, 17.037



49, 75.804, 326.029



43, 13.022, 17.346



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46, 55.499, 25.537



55, 82.571, 30.476



57, 46.154, 62.456



37, 4.099, 15.988



32, 70.944, 37.683



3, 12.274, 16.608

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46, 55.499, 25.537



55, 82.571, 30.476



54, 35.737, 263.756



37, 4.099, 15.988



32, 70.944, 37.683



3, 12.274, 16.608

Previews

White Background



This preview shows how the CIELCh color 46, 55.502, 25.534 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 46, 55.502, 25.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 55.502, 25.534

Background



This preview shows how black text looks on a background with the CIELCh color 46, 55.502, 25.534.



This preview shows how white text looks on a background with the CIELCh color 46, 55.502, 25.534.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
46, 55.895, 26.662

Trichromacy



Original Color
46, 55.502, 25.534

Protanomaly
45, 23.859, 36.415

Deuteranomaly
45, 33.700, 45.969

Tritanomaly
46, 55.695, 26.100

Monochromacy



Original Color
46, 55.502, 25.534

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.887, 18.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 55.502, 25.534 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 66, 72)` looks like.

```
.text, #text, p{  
    color:rgb(190, 66, 72)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 66, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 66, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 55.502, 25.534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 66, 72) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 66, 72) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 66, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 66, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 66, 72);  
box-shadow:4px 4px 4px 4px rgb(190, 66,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 55.502, 25.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 66, 72) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190, 66,  
72) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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